

WHAT IS CLAIMED IS:

1. A tailpipe of an automotive vehicle, comprising:

a front tube including two flared ends and an intermediate neck having a plurality of rows of apertures wherein one flared end of the front tube is coupled to a muffler;

a rear tube having a flared end;

an outer tube surrounded a rear portion of the front tube and the whole rear tube, the outer tube including a flared front end, a cylindrical section, an enlarged section, and a rear section having an inward extending rim at an opening thereof; and

a plurality of twisted blades equally spaced apart around the rear tube and connected to the front, the rear, and the outer tubes,

wherein a stream of exhaust from the muffler entering into the neck is divided into a first component flowing through the rear tube, and a second component flowing into a space between the neck and the outer tube through the apertures, the second component is mixed with air drawn from the front end of the outer tube to form a third component, the third component flows to a rear of the outer tube after being baffled by the blades and passing a plurality of channels each between two adjacent blades to form a fourth component in a form of whirlwind, and a fifth component in a form of whirlwind is formed by mixing the fourth component with the first component after leaving the tailpipe.

2. The tailpipe of claim 1, wherein one flared end of the front tube comprises a plurality of lengthwise slits.

3. The tailpipe of claim 1, wherein each blade comprises a plurality of apertures.

4. The tailpipe of claim 1, wherein the outer tube has a length of about 12 cm.

5. The tailpipe of claim 1, wherein the front tube has a length of about 12.5

cm.

6. The tailpipe of claim 1, wherein the tailpipe has a length of about 20 cm.

7. The tailpipe of claim 1, further comprising a member formed of sound-absorbing material on a cylindrical surface of the outer tube.